

REMARKS

Reconsideration and allowance of the subject application are respectfully requested. Claims 1-9 presently are pending in the application. Applicant respectfully submits that the pending claims define patentable subject matter.

By this Amendment, Applicant has amended claim 3 to improve clarity. Applicant submits that the amendment should be entered since the claimed subject matter has been fully searched and considered by the Examiner, and therefore does not raise new issues which would require further consideration and/or search.

Claims 1-9 are rejected under 35 U.S.C. § 102(e) as being anticipated by newly cited Muller (U.S. Patent No. 6,845,238 B1). Applicant respectfully submits that the claimed invention would not have been anticipated by or rendered obvious in view of Muller the newly cited reference.

Independent claim 1 is directed to “[a] method of signaling compressed mode parameters to a mobile station from a mobile radiocommunications network.” Claim 1 requires “transmitting, from said network to said mobile station, a signaling message containing said compressed mode parameters together with measurement control parameters for radio measurements to be performed by said mobile station.” Independent claims 3 and 5 are directed to a mobile radiocommunications network equipment and a mobile station, respectively, and recite limitations similar to claim 1.

With regard to claim 1, the Examiner cites Muller, at column 18, lines 37-56; column 19, lines 20-43; column 23, lines 1-21; and column 24, lines 33-41, for allegedly disclosing all of the features of the claimed invention. However, Applicant respectfully submits that it is quite clear

that the cited sections of Muller do not disclose transmitting a signaling message containing compressed mode parameters together with measurement control parameters for radio measurements to be performed by the mobile station. Instead, Muller simply discloses transmitting measurement control messages which specify measurement control parameters, compressed mode order messages which order a user equipment unit to perform compressed mode, and intra/inter-frequency measurement order messages which order a user equipment unit to perform intra/inter-frequency measurement.

Muller discloses a method and system for performing inter-frequency handover and inter-frequency measurement reporting. In particular, a telecommunications network performs an inter-frequency hard handover for a connection with a user equipment unit by switching from either a cell or a current active set of base stations on a first frequency to a virtual active set of base stations on another (new) frequency. The handover can be an inter-frequency handover within a same system, or an inter-system handover. The virtual active set of base stations (along with the active set of base stations) is maintained at the user equipment unit. The virtual active set of base stations is updated in accordance with one of several updating implementations of the invention. When a measurement report from the user equipment unit to the network warrants, the network issues an inter-frequency handover command to the user equipment unit, so that the user equipment unit then uses the new frequency of the virtual active set rather than the first frequency. The user equipment unit provides the network with a quality estimate for a current active set as well as a quality estimate for the virtual active set. The quality estimate can be utilized in a context of a handover from one UTRAN frequency to another UTRAN frequency, or in the context of an inter-system handover (e.g., a handover between a UTRAN system and a

GSM system, for example). The quality estimate can be utilized to trigger a change or switch of frequencies/systems.

With regard to the Examiner's citation of column 18, lines 37-56 (Fig. 8) and column 23, lines 1-21 (Fig. 10) of Muller, Applicant submits that these sections of Muller simply disclose a scenario which utilizes a UTRAN quality estimate in connection with a handover from one UTRAN frequency to another UTRAN frequency, and a handover from a UTRAN system to a GSM system. As shown in Figs. 8 and 10, the network (RNC) transmits an intra-frequency measurement order message (actions 8-1 and 10-1) to the user equipment unit (UE) to order the UE to perform intra-frequency measurements, and transmits a message (actions 8-2 and 10-2) ordering the UE to use a particular inter-frequency triggering event for prompting the inter-frequency comparison (e.g., the UE is required to report when the UTRAN quality estimate for currently used UTRAN frequency becomes worse than a predefined absolute threshold). When the inter-frequency triggering event occurs (the currently used UTRAN frequency falling below the absolute threshold), such occurrence is reported by the UE to the network (actions 8-3 and 10-3). The network then transmits a physical channel reconfiguration message (actions 8-4 and 10-4) to direct the UE to start using a compressed mode to allow for inter-frequency measurements. Once the compressed mode is begun, the network orders the UE to perform inter-frequency measurements and to send a measurement report when the inter-frequency triggering event is triggered (actions 8-5 and 10-5).

Accordingly, column 18, lines 37-56 (Fig. 8) and column 23, lines 1-21 (Fig. 10) of Muller do not teach or suggest transmitting to the UE a signaling message containing compressed mode parameters or a signaling message containing compressed mode parameters

together with measurement control parameters for radio measurements to be performed by the mobile station.

With regard to the Examiner's citation of column 19, lines 20-43 of Muller, Applicant submits that this section of Muller simply describes how compressed mode is performed by the UE. While Muller indicates that "[t]he rate and type of compressed frames is variable, and is controlled by the network and depends upon the environment and measurement requirements", nowhere does the cited portion of Muller teach or suggest that the network transmits a signaling message containing compressed mode parameters (i.e., gap period, gap distance, gap length, and/or pattern duration) together with measurement control parameters for radio measurements to be performed by the mobile station.

With regard to the Examiner's citation of column 24, lines 33-41 of Muller, Applicant notes that this section of Muller simply discloses that it is possible to reconfigure the compressed mode while measurements dependent on the compressed mode are on-going." Nowhere does this portion of Muller teach or suggest that the network transmits a signaling message containing compressed mode parameters together with measurement control parameters for radio measurements to be performed by the mobile station.

Accordingly, Applicant respectfully submits that claims 1-9 should be allowable because the cited reference does not teach or suggest all of the features of the claims.


In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. § 1.116
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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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